

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ozgur Sahin, Abdullah Atalar, Calvin F. Quate, Olav Solgaard  
Assignee: The Board of Trustees of the Leland Stanford Junior University  
Title: Harmonic Cantilevers and Imaging Methods for Tapping-Mode Atomic Force Microscopy  
Serial No.: 10/801,394 Filing Date: March 15, 2004  
Examiner: Robert R. Raevis Group Art Unit: 2856  
Docket No.: STF-S02-045

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San Jose, California

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Declaration Of Applicant Pursuant To 37 C.F.R. 1.132

Dear Sir:

Ozgur Sahin, Abdullah Atalar, Calvin F. Quate, Olav Solgaard declare as follows:

1. We are co-inventors of the subject matter described and claimed in United States Patent Application Serial No. 10/801,394, filed March 15, 2004, entitled "Harmonic Cantilevers and Imaging Methods for Tapping-Mode Atomic Force Microscopy."
  
2. We are coauthors of a publication entitled "Harmonic Cantilevers for Nanomechanical Sensing of Elastic Properties" in the proceedings of the 12th International Conference on Solid State Sensors, Actuators and Microsystems, pp. 1124-1127, June 2003. The other authors of the publication, G. Yaralioglu, R. Grow, and S. F. Zappe, were research associates assisting the inventors in the testing of the subject matter described in the aforementioned patent application. While coauthoring the publication, Mr. Yaralioglu, Mr. Grow, and Mr. Zappe are not co-inventors of the subject matter described and claimed in the aforementioned patent application.

3. Specifically Mr. Yaralioglu, Mr. Grow, and Mr. Zappe were involved in helping and assisting the inventors in setting up the instruments for performing experimental testing of the subject matter described in the aforementioned patent application. By the time that Mr. Yaralioglu, Mr. Grow, and Mr. Zappe were involved, the inventors had already conceived of the claimed invention and Mr. Yaralioglu, Mr. Grow, and Mr. Zappe did not make any contribution to the claimed invention.

4. We declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the above-referenced application or any patent issued therefrom.

Respectfully submitted,

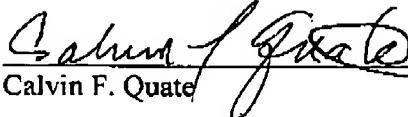
Dated: 11 - 19 - 04

  
\_\_\_\_\_  
Ozgur Sahin

Dated: \_\_\_\_\_

  
\_\_\_\_\_  
Abdullah Atalar

Dated: 11/19/04

  
\_\_\_\_\_  
Calvin F. Quate

Dated: 11-17-04

  
\_\_\_\_\_  
Olav Solgaard

3. Specifically Mr. Yaralioglu, Mr. Grow, and Mr. Zappe were involved in helping and assisting the inventors in setting up the instruments for performing experimental testing of the subject matter described in the aforementioned patent application. By the time that Mr. Yaralioglu, Mr. Grow, and Mr. Zappe were involved, the inventors had already conceived of the claimed invention and Mr. Yaralioglu, Mr. Grow, and Mr. Zappe did not make any contribution to the claimed invention.

4. We declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the above-referenced application or any patent issued therefrom.

Respectfully submitted,

Dated: \_\_\_\_\_

Ozgur Sahin

Dated: 12/20/2004



Abdullah Alalar

Dated: \_\_\_\_\_

Calvin F. Quate

Dated: \_\_\_\_\_

Olav Solgaard

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